

Pearson BTEC Level 3 Nationals Diploma, Extended Diploma

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Time 50 minutes

Paper
reference

31627H/1P

Applied Science

UNIT 5: Principles and Applications of Science II

Physics

SECTION C: THERMAL PHYSICS, MATERIALS AND FLUIDS

You must have:

A calculator and a ruler.

Total Marks

Instructions

- Use **black** ink or ball-point pen.
- **Fill in the boxes** at the top of this page with your name, centre number and learner registration number.
- Answer **all** questions.
- Answer the questions in the spaces provided
– *there may be more space than you need.*

Information

- The exam comprises three papers worth 40 marks each.
 - Section A: Organs and systems (Biology).
 - Section B: Properties and uses of substances (Chemistry).
 - Section C: Thermal physics, materials and fluids (Physics).
- The total mark for this exam is 120.
- The marks for **each** question are shown in brackets.
 - *use this as a guide as to how much time to spend on each question.*
- The formulae sheet can be found at the back of this paper.

Advice

- Read each question carefully before you start to answer it.
- Try to answer every question.
- Check your answers if you have time at the end.

Turn over ➞

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Diploma Applied Science Question Papers

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